

1. (Amended) A reflection type color liquid crystal display device for displaying a color image formed based on unit pixels each comprising sub-pixels corresponding to primary colors by using extraneous light, which comprises:

ab a liquid crystal layer varying a state of light transmitted therethrough in accordance with electric field applied thereacross;

a reflection layer reflecting light which is incident thereon via the liquid crystal layer;

ab a transparent electrode layer and a pixel electrode layer for applying electric field to the liquid crystal layer for each of the sub-pixels in accordance with an image to be displayed, the transparent electrode layer located on and in contact with a side of one main surface of the liquid crystal layer on which extraneous light is incident, the pixel electrode layer located on a side of another surface of the liquid crystal layer on which light reflected from the reflection layer is incident; and

a color filter layer divided into at least two portions, each portion in correspondence with the sub-pixels and having an appropriate optical filter part for coloring (or transmitting all light components), wherein one portion performs coloring for the primary colors and another portion filters or transmits light components of predetermined wavelengths.

2. (Amended) The device of claim 1, wherein the color filter layer is located on a side of the one main surface on which extraneous light is incident.

3. (Amended) The device of claim 1, wherein the color filter layer is located on a side of another surface of the liquid crystal layer on which light reflected from the reflection layer is incident.

4. (Amended) The device of claim 1, wherein light components of predetermined wavelengths are white light.

5. (Amended) The device of claim 1, wherein the reflection layer and pixel electrode layer are in the same layer and in common.

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6. (Amended) A light scattering film capable of being used in a liquid crystal device for displaying a color image on the basis of unit pixels comprising sub-pixels corresponding to primary colors, wherein the film comprises:

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at least two portions, each portion in correspondence with the sub-pixels and having an appropriate optical filter part for coloring (or transmitting all light components), wherein one portion performs coloring for the primary colors and another portion filtering or transmitting light components of predetermined wavelengths; and

a light scattering portion being extended over the whole of the film, and in that the additional portions and the light scattering portion are integrally formed from the same material.

7. (Amended) The device of claim 6, wherein the light components of predetermined wavelengths are white light.

8. (Amended) A method of manufacturing a light scattering

film capable of being used in a liquid crystal display device for displaying a color image on the basis of unit pixels comprising sub-pixels corresponding to primary colors, wherein the method comprises:

8 a first step of forming at least two portions on a support member, each portion in correspondence with the sub-pixels and having an appropriate optical filter part for coloring (or transmitting all light components), wherein one portion performs coloring for the primary colors and another portion filtering or transmitting light components of predetermined wavelengths; and

a succeeding step of filling the space and forming a light scattering portion extended over the whole of the film, with the same material which can be characteristic of transmitting the light components of predetermined wave-lengths.

9. (Amended) The device of claim 8, wherein the support member is a transparent substrate located on a front side of a display screen in the liquid crystal display device.

9b Cont 10. (Amended) The device of claim 8, wherein the support member is a transparent substrate which is located on a rear side of a display screen in the liquid crystal display device and on which a layer of driving element array and a reflection layer are stacked, and in that the coloring portions and the additional portions are formed on the reflection layer.

NEWLY ADDED CLAIMS:

a7 11. (Newly added) The device of claim 2, wherein light components of predetermined wavelengths are white light.

12. (Newly added) The device of claim 3, wherein light components of predetermined wavelengths are white light.

13. (Newly added) The device of claim 2, wherein the reflection layer and pixel electrode layer are in the same layer and in common.

14. (Newly added) The device of claim 3, wherein the reflection layer and pixel electrode layer are in the same layer and in common.

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Cons 15. (Newly added) The device of claim 4, wherein the reflection layer and pixel electrode layer are in the same layer and in common.

REMARKS

Claims 1 through 15 are pending in the present application. Claims 11 through 15 have been newly added.

The Office Action dated November 20, 2002, objected to Fig. 5 of the drawings filed January 16, 2001 under 37 C.F.R. 1.83(a). The Action also objected to the arrangement of the Specification and to the sufficiency of the Abstract. Further, the Action objected to claims 1 through 10 for various informalities. More substantively, the Action rejected claims 1, 4 and 6 through 8 under 35 U.S.C. 112, second paragraph, as being indefinite. In addition, the Action rejected claims 1 to 4 and 6 to 10 under 35 U.S.C. 102(e) as being anticipated by U.S. Patent No. 6,476,890 to Funahata et al. ("the Funahata patent").